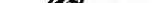


Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO		Complete if Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		Application Number	N/A 10715919
(use as many sheets as necessary)		Filing Date	N/A
		First Named Inventor	Chuang
		Group Art Unit	N/A
		Examiner Name	N/A
		Attorney Docket Number	11157-68/PMdC
Sheet	1	of	1

## U.S. PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS

**Examiner Signature**  **Date Considered** **1/3/07**

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04.

<sup>3</sup> Applicant's unique citation designation number (optional). See Rkns Cdes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or WIPO ST.34.  
<sup>4</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).  
<sup>5</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.  
<sup>6</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.  
<sup>7</sup> Applicant is to place a check mark here if English language Translation is attached.

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Substitute for form 1449A/PTO		<i>Complete if Known</i>			
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>		Application Number	N/A 10705919		
		Filing Date	N/A		
		First Named Inventor	Chuang		
		Group Art Unit	N/A		
		Examiner Name	N/A		
Sheet 1	of 1	Attorney Docket Number	11157-68/PMDc		

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	1	Azeotropic and Extractive Distillation, Interscience Library of Chemical Engineering and Processing, John Wiley and Sons, New York (1964), pp. 165-168 and 179-203.	
	2	WANKAT in Equilibrium Staged Separations, Elsevier, New York (1988); pp 301-335.	
	3	LINNEKOSKI et al. in Applied Catalysis A: General, vol. 170 (1998), pp. 117-128.	
	4	GONZALEZ et al., Industrial and engineering Chemistry Research, 1997, 36, 3845-3853.	
	5	Hydrocarbon Processing, November 1972, pp. 113-116.	
	6	ODIOSO et al., Industrial and Engineering Chemistry, March 1961, vol. 53(3), pp. 209-211.	
		Kishimoto, Hirotatsu et al; Amorphous Alloy Electrodes for Electrooxidation of Propane; Chemical Abstract accession no. 123: 125468; XP-002193071; abstract. (1987)	

Examiner Signature		Date Considered	1/3/17
--------------------	---	-----------------	--------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.